Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 19 Jan 2023 until 23:59 on Friday 20 Jan 2023

Forecast Issued on Wednesday 18 Jan 2023 at 15:44

Confidence: High for remaining cold through Thursday and Friday with plenty of dry and bright weather around and for becoming milder over the weekend, but lower for details from Saturday.

Headline for Thursday 19 Jan 2023: Sunny spells and a few early snow showers. Very cold with fresh northwest winds

Mountain weather hazards on Thursday 19 Jan 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Clear night	Light snow showers (night)	Light snow showers	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
00%	00%	30%	30%	10%	<05%	<05%	<05%

Forecast for Thursday 19 Jan 2023

Weather: Long clear spells overnight but increasing cloud brings a risk of snow showers towards the end of the night. A rather cloudy start to the day with occasionally snow showers these soon becoming fewer and further between before largely dying out for the afternoon, with some good sunny spells developing. The evening looks dry with long clear spells.

Chance of cloud-free hill tops above 600m: Around 25% improving to 90% by early afternoon

Low Cloud and visibility: Periods of cloud above about 450-600m soon becoming more occasional above 600-750m, with only small amounts below summit level by early afternoon. Away from cloud visibility very good but falling to a kilometre or less in snow showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 19 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 W	13/21 W	13/20 W	14/19 W	15/20 W	14/20 W	15/23 W	15/23 W	15/22 W
300	7/17 NW	7/18 W	7/16 W	7/16 W	11/20 W	9/20 W	9/21 W	8/21 W	8/20 W
Valley	1/7 W	2/8 NW	2/6 W	2/6 W	4/11 W	6/15 W	3/10 W	2/9 NW	3/8 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-4/-10	-3/-10	-3/-10	-4/-10	-3/-9	-2/-8	-3/-9	-3/-9	-3/-9
300	-2/-6	-2/-6	-2/-6	-2/-6	0/-4	0/-4	-1/-6	-1/-6	-1/-5
Valley	-3/-5	-3/-5	-2/-4	-1/-3	2/-0	2/-0	-2/-4	-2/-4	-2/-4
Freezing Level*	0m	0m	0m	0m	300m	300m	0m	0m	0m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Surfaces expected to remain frozen at almost all levels through the day and feeling very cold, especially at higher elevations.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 18 Jan 2023	0mm	0.2mm	0.8mm

Forecast for Friday 20 Jan 2023

Weather: Dry with long clear spells then a largely sunny day, although eastern hills may see rather more in the way of cloud. Remaining dry with long clear spells through the evening. Feeling less cold than recent days as winds ease.

Maximum wind: Northwesterly 20mph decreasing 10-15mph by dawn then variable, less than 10mph, by midday

Chance of cloud-free hill tops above 600m: Close to 100%

Low Cloud and visibility: Little or no cloud is expected below the summits with very good or excellent visibility.

Temperature: **Valleys:** Around minus 3 or 4 Celsius at dawn and later, rising to plus 2 or 3 Celsius by early afternoon
At 600m: Around minus 3 Celsius
Freezing level: All levels, briefly rising to 200-300m

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